Patent

Case No.: 57079US005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:

HAMROCK, STEVEN J.

Application No.:

10/764721

Group Art Unit:

Unknown

Filed:

January 26, 2004

Examiner:

Unknown

Title:

AROMATIC IMIDE AND AROMATIC METHYLIDYNETRISSULFONYL

COMPOUNDS AND METHOD OF MAKING

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

II 71 - 1 -

4

Signed by: Phyllis J. Boettcher

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

If a first Office Action on the merits has been mailed prior to the mailing date of this document, please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p), and if necessary, please charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723.

Date

Philip Y. Dahl, Reg. No.: 36,115 Telephone No.: (651) 737-4029

Respectfully submitted.

Office of Intellectual Property Counsel 3M Innovative Properties Company

Facsimile No.: 651-736-3833

Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/764721

Filing Date January 26, 2004

First Named Inventor Hamrock, Steven J.

Art Unit Unknown

Examiner Name Unknown

Attorney Case Number 57079US005

(Use as many sheets as necessary)

MAR 0 1 2004

10

Page 1 of 2

U.S. Patent Documents								
Exam.	Cite	Document Number	Publication Date or Issue Date	Name of Patentee	Pages, Columns, Lines, Where			
Init.*	No.	Doc. Number-(Kind Code if Known)	MM-DD-YYYY	or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
	A1	US- 3,546,180	12/08/1970	Caldwell et al.				
	A2	US- 4,505,997	03/19/1985	Armand et al.				
	А3	US- 4,758,498	07/19/1988	Harada et al.				
	A4	US- 5,072,040	12/10/1991	Armand, M.				
	A5	US- 5,273,840	12/28/1993	Dominey L. A.				
	A6	US- 5,463,005	10/31/1995	Desmarteau, D. D.				
	A7	US- 5,514,493	05/07/1996	Waddell et al.				
	A8	US- 5,652,072	07/29/1997	Lamanna et al.				
	A9	US- 5,827,602	10/27/1998	Koch et al.				
	A10	US- 5,879,828	03/09/1999	Debe et al.				
	A11	US- 5,965,054	10/12/1999	McEwen et al.				
	A12	US- 6,063,522	05/16/2000	Hamrock et al.				
•	A13	US- 6,090,895	07/18/2000	Mao et al.				
	A14	US-						
	A15	US-						

Foreign Patent Documents									
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date	Name of Patentee or	Pages, Columns, Lines,	Translation		
		Ctry. Code	Number-KindCode (If known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	(Check if yes)		
	B1	GB	1,281,736	07/12/1972					
	B2								
	ВЗ				_				

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Exam. Init.*	Cite No.	The state of the state (in the state of the					
	C1	Argyropoulos, D., and Lenk, R. S., Condensation Products from Imidobis(sulfuryl Chloride) Journal of Applied Polymer Science, Vol. 26, (1981), pp. 3073-3084.					
	C2	Roesky, Von H. W., and Giere, H. H., Darstellung von N-Trifluormethansulfonylsulfonylfluoridamid und einige reaktionen [1], Inorg. Nucl. Chem. Letters, Vol. 7, pp. 171-175, (1971), Pergannon Press.					

*Exam	iner
-------	------

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

MAR 0 1 2004

(Use as many sheets as necessary)

Page 2 of 2

Application Number	10/764721
Filing Date	January 26, 2004
First Named Inventor	Hamrock, Steven J.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Case Number	57079US005

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	С3	Becke-Goehring & Fluck; <i>Imidodisulfuric Acid Chloride</i> , Inorganic Syntheses, Vol. VIII, (1966), pp. 105-107.
	C4	Doyle, M., Choi, S. K., and Proulx, G., <i>High-Temperature Proton Conducting Membranes Based on Perfluorinated Ionomer Membrane-Ionic Liquid Composites</i> , Journal of the Electrochemical Society, 147, (1), (2000), pp. 34 – 37.
	C5	
	C6	

*	Е	X	а	ľ	r	l	i	n	е	r	:	
---	---	---	---	---	---	---	---	---	---	---	---	--

Date Considered: